

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION
*(use several sheets if necessary)*ATTY DOCKET NO.
41992-00627SERIAL NO.
10/645,365APPLICANT(S)
Brace et al.FILING DATE
August 21, 2003GROUP
Not Yet Assigned

FEB 09 2004

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	ART & TRADEMARK CLASS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DGY	12.	4,559,537	12/17/85	PERASON, JR. ET AL.	343	7	
DGY	13.	4,608,566	08/26/86	ENNIS ET AL.	343	5	
DGY	14.	4,655,228	04/07/87	SHIMURA ET AL.	120	660	
DVO	15.	4,675,677	06/23/87	VON MAYDELL ET AL.	342	25	
DGY	16.	4,761,545	08/02/88	MARSHALL ET AL.	250	291	
DGY	17.	4,829,306	05/09/89	GJESSING ET AL.	342	159	
DGY	18.	4,858,124	08/15/89	LIZZI ET AL.	364	413	
DGY	19.	4,864,307	09/05/89	POTAGE ET AL.	342	192	
DGY	20.	4,992,797	02/12/91	GJESSING ET AL.	342	192	
DGY	21.	5,047,968	09/10/91	CARRINGTON ET AL.	364	574	
DGY	22.	5,068,664	11/26/91	APPRIOU ET AL.	342	90	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

DGY	C.	Bruce P. Boger et al., "THE QUEFRENCY ALANYSIS OF TIME SERIES FOR ECHOES: CEPSTRUM Pseudo-AUTOCOVARIANCE, CROSS-CEPSTRUM AND SAPHE CRACKING" Brown University, June 11-14, 1962, Pgs. 209-243
DGY	D.	Alan V. Oppenheim et al., "THE IMPORTANCE OF PHASE IN SIGNALS", 1981, Pgs. 529-541.

EXAMINER

GREGORY

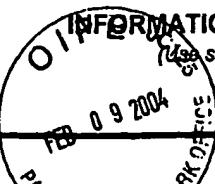
DATE CONSIDERED

5/14/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<p style="text-align: center;">INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i></p>				ATTY DOCKET NO. 41992-00627		SERIAL NO. 10/645,365	
				APPLICANT(S) Brace et al.			
				FILING DATE August 21, 2003		GROUP Not Yet Assigned	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	SEARCH & TE ADVISORY OFFICE	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DGR	23.	5,068,666	11/26/91	VOLES	342	192	
DGR	24.	5,072,314	12/10/91	CHANG	359-	559-	
DGR	25.	5,122,803	06/19/92	STANN ET AL.	342	25	
DGR	26.	5,159,474	10/27/92	FRANKE ET AL.	359-	29-	
DGR	27.	5,339,080	08/16/94	STEINWAY ET AL.	342	22	
DGR	28.	5,345,242	09/06/94	ROBERTS ET AL.	342	159	
DGR	29.	5,446,461	08/29/95	FRAZIER	342	22	
DGR	30.	5,451,961	09/19/95	RUBIN ET AL.	342	159	
DGR	31.	5,469,176	11/21/95	SANDLER ET AL.	342	375	
DGR	32.	5,502,444	03/26/96	KOHLBERG	342	22	
DGR	33.	5,539,412	07/23/96	MENDELSON	342	192	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES
							NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
DGR	E.	Liberty Instruments, Inc., "REFLECTING ON ECHOES AND THE CEPSTRUM: A LOOK AT QUEFRENCY ANALYSIS AND HEARING", 01/24/00, 11 Pages (1-10 and 1 of 1)					
DGR	F.	Azriel Rosenfeld et al., "DIGITAL PICTURE PROCESSING" Second Edition Vol. 1, 1982, 7 Pages (Pgs. 126-131)					
EXAMINER <i>GREGORY</i>				DATE CONSIDERED		<i>5/14/04</i>	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and note considered. Include copy of this form with next communication to applicant.



INFORMATION DISCLOSURE CITATION
(use several sheets if necessary)

ATTY DOCKET NO. 41992-00627	SERIAL NO. 10/645,365
APPLICANT(S) Brace et al.	
FILING DATE August 21, 2003	GROUP Not Yet Assigned

U.S. PATENT DOCUMENTS

EXAMINER & TRADEMARK OFFICE INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DG	34. 5,546,084	08/13/96	HINDMAN	342	25	
DCS	35. 5,561,431	10/01/96	PEELE ET AL.	342	90	
QWJ	36. 5,563,601	10/08/96	CATALDO	342	25	
DGY	37. 5,563,604	10/08/96	BRANDAO ET AL.	342	159	
DCS	38. 5,594,450	01/14/97	SCHOBER	342	159	
DGY	39. 5,612,700	03/18/97	TUCKER	342	90	
DGY	40. 5,614,907	03/25/97	KREITMAIR-STECK ETAL.	342	25	
DGY	41. 5,659,318	08/19/97	MADSEN ET AL.	342	25	
DCS	42. 5,675,468	10/07/97	CHANG	361	119	
DGY	43. 5,675,663	10/07/97	KOERNER ET AL.	382	181	
DCS	44. 5,721,694	02/24/98	GRAUPE	364	574	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

DGY	G.	William H. Press et al., "NUMERICAL RECIPES IN FORTRAN", The Art of scientific Computing Second Edition, Cambridge University, Pgs. 584-599
DGY	H.	Carrara, Walter G., "SPOTLIGHT SYNTHETIC APPERTURE RADAR", Artech House, Inc. 1995, Pgs. 237-243

EXAMINER

Gregory

DATE CONSIDERED

5/14/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION
 (Use several sheets if necessary)

ATTY DOCKET NO.
41992-00627

SERIAL NO.
10/645,365

APPLICANT(S)
Brace et al.

FILING DATE
August 21, 2003

GROUP
Not Yet Assigned

O I P E
 FEB 19 2004
 U S P T O

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	TRADEMARK OFFICE	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DG		5,729,465	03/17/98	BARBARESCO	364	485	
DG		5,780,775	07/14/98	YU	174	135	
DG		5,790,702	08/14/98	YOSHIMURA	382	299	
DG		5,848,193	12/08/98	GARCIA	382	232	
DG		5,867,118	02/02/99	MCCOY ET AL.	342	90	
DG		5,909,190	06/01/99	LO ET AL.	342	159	
DG		5,910,785	06/08/99	NORMANT	342	25	
DG		5,936,552	08/10/99	WICHGERS ET AL.	340	963	
DG		5,959,566	09/28/99	PETTY	342	25	
DG		5,960,097	09/28/99	PFEIFFER ET AL.	382	403	
DG		6,011,625	01/04/00	GLASS	356	357	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

DG	I.	4.2 INVERSE IMAGE FILTERING, Author Unknown (XP-002154117)
DG	J.	Bruce Chapman, "SAR INTERFEROMETRY AND SURFACE CHANGE DETECTION", II. Basic Principles of SAR Interferometry, 04/29/03, Pgs. 1-9

EXAMINER

GREGORY

DATE CONSIDERED

5/14/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<p style="text-align: center;">INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i></p> <p style="text-align: right;">FEB 09 2004 P A T E N T O F F I C E</p>				Docket Number (Optional) 41992-00627		Application Number 10/645,365		
				Applicant(s) Brace et al.				
				Filing Date August 21, 2003		Group Art Unit Not Yet Assigned		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
DG	56.	6,038,337	03/14/00	LAWRENCE ET AL.	382	156		
DG	57.	6,046,695	04/04/00	POEHLER ET AL.	342	25		
DG	58.	6,070,461	06/06/00	GJESSING ET AL.	73	170.15		
DG	59.	6,150,972	11/21/00	BICKEL ET AL.	342	25		
DG	60.	6,173,066	01/09/01	PEURACH ET AL.	382	103		
DG	61.	6,252,754	06/26/01	CHAUDHRY	361	411		
DG	62.	6,288,776	09/11/01	CAHILL ET AL.	356	5.1		
DG	63.	6,333,986	12/25/01	PETTY	382	103		
DG	64.	6,337,654	01/08/02	RICHARDSON ET AL.	342	90		
DG	65.	6,347,264	02/12/02	NICOSIA ET AL.	701	16		
DG	66.	6,377,206	04/23/02	PETTY	342	159		
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and no considered. Include copy of this form with next communication to applicant.

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and no considered. Include copy of this form with next communication to applicant.